

EXECUTIVE SECRETARIAT

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Remarks:

Executive Secretary

4/4/83

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RESEARCH AND
ENGINEERING

OFFICE OF THE UNDER SECRETARY OF DEFENSE

WASHINGTON, D.C. 20301

Executive Registry

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90 MAR 1983

MEMORANDUM FOR SECRETARIES OF THE MILITARY DEPARTMENTS
 CHAIRMAN, JOINT CHIEFS OF STAFF
 DIRECTOR, CENTRAL INTELLIGENCE AGENCY
 DIRECTOR, DEFENSE INTELLIGENCE AGENCY
 DIRECTOR, NATIONAL SECURITY AGENCY

SUBJECT: Charter for the Crossbow-S Committee

We have moved recently to consolidate and coordinate our efforts in developing simulations of enemy air defense systems under the direction of the Director Defense Test and Evaluation. Past efforts have suffered from limited funding and fragmentation of activities among the three Services. To strengthen our efforts, we are asking for additional funding over the next five years beginning in FY 1984. To improve our tri-Service cooperation we are forming a Joint Executive Committee on Air Defense Threat Simulators (EXCOM). The EXCOM will operate under the chairmanship of the Deputy Director, Defense Test and Evaluation (S,N&C3I). Specific guidance and responsibilities for the effort were forwarded separately in a USDRE memorandum dated March 7, 1983.

The Crossbow-S Committee has served as the tri-Service focal point for simulator development of Warsaw Pact air-defense weapons and will continue in that capacity but reporting to the new EXCOM.

Enclosed is a revised charter for the Crossbow-S Committee that reflects the revised reporting channel. This new charter adds additional responsibility for reviewing tri-Service threat simulator developmental plans and programs. It also provides for making recommendations to the EXCOM as to which programs should be initiated and how development should proceed. The purview of the Committee shall include all threat simulators used for test and evaluation, and for training. These additional responsibilities will greatly assist OSD in the coordination and planning of a unified tri-Service threat simulator program.

I look forward to your continued support of this program.

James P. Wade, Jr.
 Principal Deputy Under Secretary
 of Defense for Research & Engineering

Enclosure



CHARTER

for the

TRI-SERVICE CROSSBOW-S

I. PURPOSE

This Charter reassigns and expands the role of the Crossbow-S Committee as an activity in support of the Joint Executive Committee on Air Defense Threat Simulators (EXCOM).

II. GENERAL

A. The Crossbow-S Committee was formed in 1966 by direction of the Office of the Secretary of Defense. The mission of the Crossbow-S Committee has been to coordinate the development of threat simulators to be used for operational testing, developmental testing, and training of our air-breathing systems and other terminal penetrators.

B. The Committee will review and coordinate DoD-wide development of hardware threat simulators in accordance with the current scientific and technical intelligence data base.

C. The Committee will acquire and maintain a Defense Intelligence Agency approved programmatic intelligence assessment data base to support the development of future simulators and participation in all Department of Defense Foreign Materiel Exploitation (FME) programs to both ensure incorporation of that information in threat simulators and ensure quick feedback of technical information to the FME programs. The programmatic intelligence assessment data base will be the Department of Defense baseline from which the Services will initiate simulator design.

D. The Committee will also act as a vehicle to expedite the exchange of information at the analyst level between the testing and training communities, the electronic warfare (EW) community, the threat simulator hardware developers, the intelligence community, and the operational commands.

E. The Committee will review the ongoing activities in the threat simulation arena and make periodic reports and recommendations to the Chairman of the EXCOM. The periodic reports will be a summary of the Crossbow-S Committee activities.

F. The Committee will review tri-Service threat simulator development programs and procedures and make policy recommendations to the EXCOM.

G. In addition to the above, the Committee will carry out specific tasks as directed by the Chairman of the EXCOM.

III. MEMBERSHIP

A. The Committee will consist of the following:

1. One member representing the simulator development activities of the Army.
2. One member representing the simulator development activities of the Navy/Marines.
3. One member representing the simulator development activities of the Air Force.
4. One observer shall represent the Defense Intelligence Agency (DIA).
5. One observer shall represent the National Security Agency (NSA).
6. One observer from the Central Intelligence Agency (CIA) shall be invited.
7. The U.S. Army Missile Intelligence Agency (USAMIA) shall serve as permanent Chairman.

B. The DIA, NSA, and CIA observers will serve as liaison between the Committee and their respective agencies and shall assist the Committee in obtaining such information as is required in planning simulators.

IV. FUNCTIONS

The Committee will:

- A. Provide a forum for the expeditious and accurate exchange of technical information related to threat simulators.
- B. Retain tri-Service awareness of all activities in Department of Defense threat simulator developments.
- C. Provide a forum for the discussion of the latest scientific and technical intelligence estimates and EW requirements among the representatives of the operational test and training community, members of the EW development community, members of the research and development and hardware simulation communities, and members of the intelligence community.
- D. Coordinate common threat simulator requirements to reduce or eliminate duplication of effort.
- E. Monitor the technical feasibility of satisfying tri-Service requirements by conducting technical investigations as agreed to by the tri-Service representatives.
- F. Conduct technical investigations per the direction the EXCOM Chairman.
- G. Represent the Office of the Under Secretary of Defense Research and Engineering, by providing Joint Service Program Oversight of Defense threat simulator developments.

H. Sponsor technical conferences on threat systems as required.

I. Participate in all Defense FME programs and test plan developments relating to Defense threat simulators.

J. Oversee and review operational testing of US EW equipment and tactics against foreign threat systems.

K. Acquire and maintain the DIA-approved programmatic intelligence assessment data base to support simulator design.

V. OPERATIONS

The Committee will:

A. Be responsive to requests or assignments from the EXCOM Chairman.

B. Meet at the call of the Committee Chairman.

C. Provide status reports to the EXCOM at regularly scheduled meetings.

VI. EFFECTIVE DATE

This Charter is effective upon receipt.